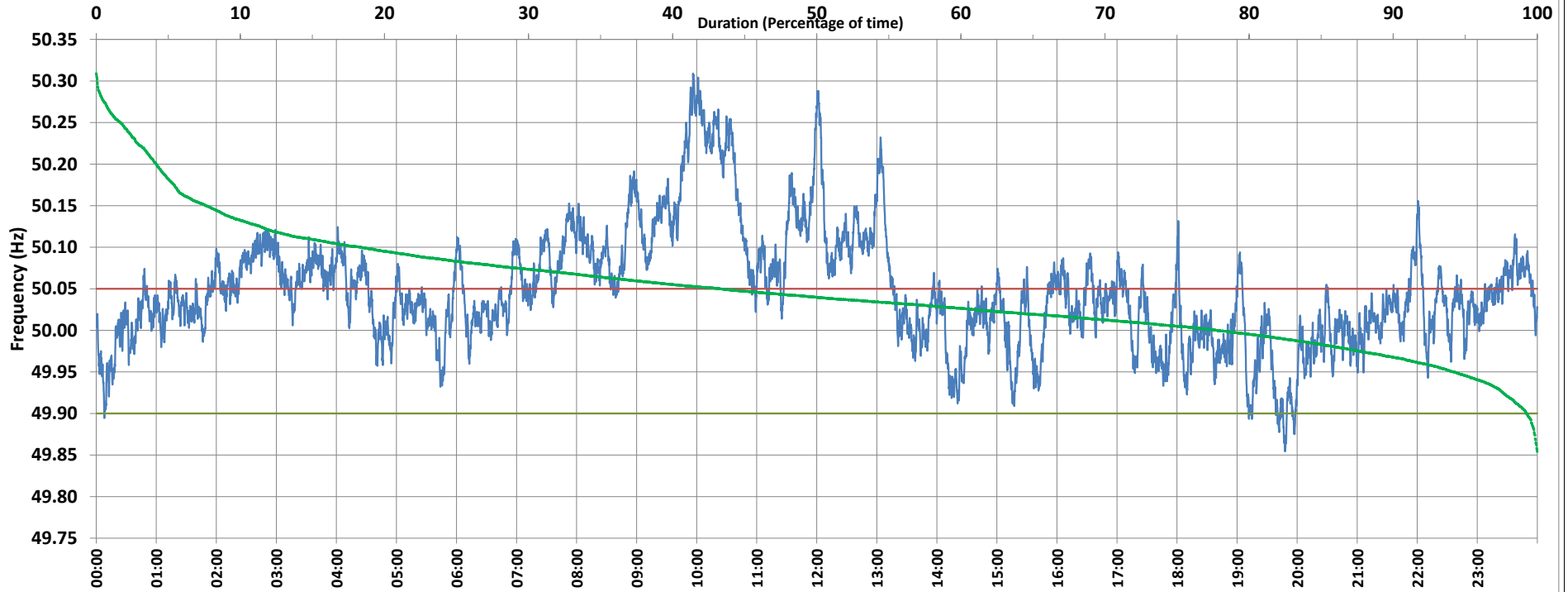


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Jun-2020 (Sunday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	0.75	10.73	0.00	0.75	21.46	59.40	14.20	55.96	95.81	31.77	25.00	77.77	57.50	43.29	4.19	5.76	50.95	5.01

Average Frequency : 50.048	Frequency Variation Index : 0.0715	Standard Deviation : 0.0697	Mileage: 43.7	FDI: 44.0
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Instantaneous Frequency		
Max	50.309	9:56:20
Min	49.854	19:47:50

15 minute Average Frequency		
Max	50.251	10:15:00
Min	49.901	20:00:00

No. of excursions	
above 50.03 Hz	135
below 49.97 Hz	69
above 50.00 Hz	116
below 50.00 Hz	115

Average time freq per excursion remains	
below 49.97	0:02:14
above 50.03	0:06:08

No. of hours freq outside 49.9-50.05 Hz	10:34:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)